

The State of New Hampshire

Department of Environmental Services



Michael P. Nolin Commissioner

> July 7, 2005 **Letter of Deficiency** DSP#05-019

Mr. William Dickerman, Headmaster Hampshire County School 122 Hampshire Road Rindge, NH 03461

RE: Mill Pond Dam #203.11, Rindge

Dear Mr. Dickerman:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on September 16, 2004. During this visual inspection and/or file review, the following deficiencies were observed:

- 1. The operational procedure plan (O&M) appears to need updating;
- 2. Debris was observed in the following locations and should be removed:
 - a. within the concrete spillway apron;
 - b. around the old penstock outlet area;
 - c. downstream within the outlet channel of the primary outlet;
- 3. The 30" penstock appeared to be flowing more than previous inspections; and
- 4. There are small rodent holes at the right end of the split rail fence and in the center of the embankment adjacent to the right abutment of the primary spillway.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

September 1, 2005:

1. Review and update the attached O&M as necessary;

November 1, 2005:

- 2. Remove the debris observed in the following locations:
 - a. within the concrete spillway apron;
 - b. around the old penstock outlet area;
 - c. downstream within the outlet channel of the primary outlet;

DES Web site: www.des.nh.gov

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3. Repair the rodent holes that do not appear to be active at the time of the inspection at the right end of the split rail fence and in the center of the embankment adjacent to the right abutment of the primary spillway; and

December 1, 2005:

4. Submit a plan to investigate and repair the leaking 30" penstock by December 1, 2006.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,

Date F. Guinn, P.E. Dam Safety Engineer

Attachments Copy of O&M plan currently on file, DB8, DB13 cc: Gretchen R. Hamel, Legal Unit Administrator

Town of Rindge

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